

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001368

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01S 5/14, H04Q 7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01S, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003139188 A1 (B.HUA CHEN ET AL), 24 July 2003 (24.07.2003), sid.2[0021],[0024]-[0026] sid.3[0029]-[0030],fig.2,3,5,6 --	1-4,10-13, 19,20
A	US 6195556 B1 (M.REUDIK ET AL), 27 February 2001 (27.02.2001), column 7, line 28 - column 8, line19; column 9, line 52 - column 10, line 51, figures 1-3 --	1-20
A	US 6282427 B1 (E.LARSSON ET AL), 28 August 2001 (28.08.2001), whole document --	1-20

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 March 2004

Date of mailing of the international search report

25 -03- 2004

Name and mailing address of the ISA/
 Swedish Patent Office
 Box 5055, S-102 42 STOCKHOLM
 Facsimile No. +46 8 666 02 86

Authorized officer

Ender Dag /itw
 Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001368

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002132623 A1 (C.KINGDON), 19 Sept 2002 (19.09.2002), whole document --	1-20
A	US 6501955 B1 (R.DURRANT ET AL), 31 December 2002 (31.12.2002), whole document --	1-20
A	US 6122512 A (S.BODIN), 19 Sept 2000 (19.09.2000), column 3, line 7 - line 57; column 7, line 23 - line 44; column 8, line 65 - column 9, line 16, col.9, li.58, col.10, li.40, fig.1 abstract -- -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

27/02/2004

International application No.

PCT/SE 2003/001368

US	2003139188	A1	24/07/2003	NONE		
US	6195556	B1	27/02/2001	US	6236849 B	22/05/2001
US	6282427	B1	28/08/2001	AU	6191300 A	30/01/2001
				CA	2379167 A	18/01/2001
				CN	1360807 T	24/07/2002
				EP	1197114 A	17/04/2002
				WO	0105184 A	18/01/2001
US	2002132623	A1	19/09/2002	US	6477379 B	05/11/2002
US	6501955	B1	31/12/2002	AU	6674701 A	02/01/2002
				CN	1437828 T	20/08/2003
				GB	0300620 D	00/00/0000
				GB	2381705 A	07/05/2003
				JP	2004501585 T	15/01/2004
				US	2002155838 A	24/10/2002
				WO	0199444 A,B	27/12/2001
US	6122512	A	19/09/2000	AU	724837 B	28/09/2000
				AU	4477997 A	24/04/1998
				CA	2267596 A	09/04/1998
				CN	1098015 B	01/01/2003
				CN	1231812 A	13/10/1999
				EP	0932999 A	04/08/1999
				JP	2001508250 T	19/06/2001
				KR	2000048735 A	25/07/2000
				SE	506759 C	09/02/1998
				SE	9603561 A	09/02/1998
				WO	9815150 A	09/04/1998